MT8210B 2D Wireless Scanner

MT8210B is a 2D wireless handheld scanner that delivers fast and reliable scanning performance in a robust, ergonomic housing. MT8210B can capture all 1D and 2D barcodes from paper surface or mobile display in one-tenth of a second. The charging cradle of MT8210B can work as Bluetooth transponder and instantly provides wireless connectivity to any host device to boost productivity and efficiency in manufacturing, inventory and retail applications.

Increasing Freedom of Mobility

- Standard wireless interface (BT HID/ BT SPP)
- Supports Data Transmission via Cradle (Cradle Mode)
- On-screen barcode readability
- Snappy 1D and 2D barcode scanning
- Compatible with iOS, Android and Windows

Easy and Flexible Operations

- Rubber Bezel
- Ergonomic Housing
- Charging Cradle & Wireless Transponder

Optic & Performance	
Light Source	white LED, visible red LED
Sensor	Array Image Sensor (640 x 480)
Resolution	5Mil / 0.125mm
Scan Angle	Horizontal 37° Vertical 28°
Pitch / Skew / Roll Angle	±55°/ ±55°/ ±360°
Print Contrast Ratio	30%
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 29 ~ 298 mm

Physical Characteristics	
Dimension	L166 x W71 x H84 mm (Scanner) D82 x H60 mm (Cradle)
Weight	148g (Scanner), 238g (Cradle)
Color	White
Material	ABS
Cable	Option 1: Micro(M) to USB A(M) Cable, 1.5M Option 2: Micro(M) to D-sub9(F) Cable, 2.1M
Trigger	Scan Button
Indicator	LED, Buzzer, Vibrator

Electrical	
Operation Voltage	3.7 VDC ± 5%
Working Current	< 220mA
Battery	3.7V, 1620mAh, Lithium Battery
Number of Scan (per full charge)	20,000 scans or 27 hours (1 scan/ 5 secs, Bluetooth connected)

Connectivity	
Radio	Bluetooth 4.2 & 3.0®(Class 2)
Range	33 ft/ 10M (line of sight)
Interface/ Profile	BT HID, BT SPP, Cradle Mode, Memory Mode

User Environment	
Operating Temperature	0 ~ 40°C
Storage Temperature	-10 ~ 60°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.2M
Sealing	IP42
Ambient Light	100,000 Lux (Sunlight)

Regulatory	
ESD	Functional after 4KV contact, 8KV Air discharge
EMC/RF	FCC Part15C, CE EN301489-1/-17, EN300328
Safety Approval	EN/IEC62368
Environmental	WEEE, RoHS 2.0

Symbologies	
1D	UPC-A/UPC-E, EAN-8/EAN-13, Codabar, Matrix 2 of 5, Code 93, Code 128, Code 39, Interleaved 2 of 5, Plessey, MSI, GS1 Databar
2D	QR Code, Micro QR Code, Data Matrix, PDF417, Aztec, MicroPDF417

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MARSON TECHNOLOGY CO., LTD.
TEL: +886-2-2218-1633
FAX: +886-2-2218-6638
Web: www.marson.com.tw

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